

Name: _____

Jar-Filling Party - Fractions Practice

You have invited your friends to your house for a Jar-Filling Party. Your guests will each assemble this jar of brownie mix to give as a gift for Christmas. Some friends want to make several of them, bringing the total number of jars being made to 22. You need to collect enough materials for everyone.

M&M Brownie Mix-in-a-Jar

In a regular or wide-mouthed 1 quart jar, layer and pack

$\frac{1}{4}$ cup baking cocoa

1 cup granulated sugar

1 $\frac{1}{2}$ cups Nestle Nesquik chocolate drink mix powder

1 $\frac{1}{3}$ cups all-purpose flour

$\frac{1}{2}$ teaspoon baking powder

$\frac{1}{4}$ teaspoon salt

1 cup M&M candies

Attach tag:

M&M Brownie Mix

1 jar brownie mix

$\frac{3}{4}$ cup butter, melted

2 large eggs

1 teaspoon vanilla

2 Tablespoons water

Preheat oven to 350 degrees. Heavily grease a 9" x 13" baking dish. Empty contents of jar into large bowl and thoroughly combine. Add melted butter, eggs, vanilla, and water. Spread into prepared pan. Bake 20 – 25 minutes until wooden pick inserted near center comes out slightly sticky. Cool slightly in pan on wire rack and cut into bars.

What do you need to buy for 22 M&M Brownie Mixes-in-a-Jar? Don't forget to include a number and your unit (such as cups).

_____ quart canning jars

_____ baking cocoa

_____ sugar

_____ Nesquik

_____ flour

_____ baking powder

_____ salt

_____ M&Ms

Challenge: You are going to offer more than one recipe at your Jar Filling Party. Your friends signed up to make a total of 15 jars of these Butterscotch Cookies in a Jar and 26 jars of Ultimate Chipper Mix. You need to figure out how much to buy of *all* the dry ingredients in these three recipes. Make your shopping list!

Butterscotch Cookies in a Jar

Layer and pack in a wide-mouthed 1 quart jar:

½ cup of chocolate chips and butterscotch chips mixed together (¼ cup of each)

1 cup crisp rice cereal

1½ cups flour

¾ teaspoons baking powder

¼ teaspoons baking soda

sprinkle of nutmeg

¾ cup packed brown sugar

½ cup of chocolate chips and butterscotch chips mixed together (¼ cup of each)

½ cup quick-cooking oats

½ cup white sugar

Attach tag:

Preheat oven to 350 degrees. Cream ½ cup butter or margarine. Add 1 egg and 3–4 tablespoons of water. Add entire jar of mix. Stir until blended. Drop dough by spoonfuls onto ungreased baking sheet. Bake 12 minutes. Remove from oven, cool, and enjoy!

Ultimate Chipper Mix

Layer ingredients in 1-quart canning jar and pack very well in between layers:

2 ¼ cups all-purpose flour

¾ cup packed light brown sugar

½ cup white chips

½ cup milk chocolate chips

½ cup butterscotch chips

½ cup semi-sweet chocolate chips

¼ cup granulated sugar

½ teaspoon baking soda

¼ teaspoon salt

Attach tag:

Ultimate Chippers

1 jar Ultimate Chippers cookie mix

1 cup shortening

2 eggs

1 teaspoon vanilla

Preheat oven to 375 degrees. Empty contents of jar into large bowl and combine. Add shortening, eggs, and vanilla and stir until blended. Drop by heaping teaspoonfuls 2 inches apart on ungreased baking sheets. Bake 10 – 12 minutes until edges are golden. Let cookies stand 2 – 5 minutes before removing to wire racks to cool completely. Makes 4 dozen cookies.

Jar Filling Party shopping list for (22) M&M Brownie Mix-in-a-Jar, (15) Butterscotch Cookies in a Jar, and (26) Ultimate Chippers:

_____ quart canning jars
_____ baking cocoa
_____ baking soda
_____ baking powder
_____ nutmeg
_____ salt
_____ brown sugar
_____ sugar
_____ flour
_____ semi-sweet chocolate chips
_____ butterscotch chocolate chips
_____ white baking chips
_____ milk chocolate chips
_____ M&Ms
_____ Nesquik
_____ crisp rice cereal
_____ quick oats

Double Challenge:

3 teaspoons = 1 Tablespoon

4 Tablespoons = $\frac{1}{4}$ cup

Can you translate the measurements for baking soda, baking powder, and salt from teaspoons to the nearest Tablespoon or cup measurement? Always round up to the nearest measurement so you don't buy too little.

_____ baking soda
_____ baking powder
_____ salt

ANSWERS:

What do you need to buy for 22 M&M Brownie Mixes-in-a-Jar? Don't forget to include a number and your unit (such as cups).

22 jars	quart canning jars
5 ½ cups	baking cocoa
22 cups	sugar
33 cups	Nesquik
29 ⅓ cups	flour
11 teaspoons	baking powder
5 ½ teaspoons	salt
22 cups	M&Ms

Jar Filling Party shopping list for (22) M&M Brownie Mix-in-a-Jar, (15) Butterscotch Cookies in a Jar, and (26) Ultimate Chippers:

22 + 15 + 26 = 63 jars	quart canning jars
5 ½ cups	baking cocoa
3 ¾ + 13 = 16 ¾ teaspoons	baking soda
11 + 11 ¼ = 22 ¼ teaspoons	baking powder
15 “sprinkles”	nutmeg
5 ½ + 6 ½ = 12 teaspoons	salt
11 ¼ + 19 ½ = 30 ¾ cups	brown sugar
22 + 7 ½ + 6 ½ = 36 cups	sugar
29 ⅓ + 22 ½ + 58 ½ = 110 ⅓ cups	flour
7 ½ + 13 = 20 ½ cups	semi-sweet chocolate chips
7 ½ + 13 = 20 ½ cups	butterscotch chocolate chips
13 cups	white baking chips
13 cups	milk chocolate chips
22 cups	M&Ms
11 cups	Nesquik
15 cups	crisp rice cereal
7 ½ cups	quick oats

Can you translate the measurements for baking soda, baking powder, and salt from teaspoons to the nearest Tablespoon or cup measurement? Always round up to the nearest measurement so you don't buy too little.

½ cup or 6 Tablespoons	baking soda
½ cup	baking powder
¼ cup	salt